

**ENVIRONMENTAL ASSESSMENT
FOR AUTHORIZING THE
PUERTO RICO ELECTRIC POWER AUTHORITY (PREPA)
TO ALLOW PUBLIC ACCESS TO THE
BOILING NUCLEAR SUPERHEAT (BONUS)
REACTOR BUILDING,
RINCÓN, PUERTO RICO**

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ACRONYMS

AEA	Atomic Energy Act
AEC	Atomic Energy Commission
ALARA	As Low As Reasonably Achievable
BONUS	Boiling Nuclear Superheat
DOE	U.S. Department of Energy
EA	Environmental Assessment
MDA	minimum detectable activity
MPC	maximum permissible concentration
NEPA	National Environmental Policy Act
PREPA	Puerto Rico Electric Power Authority
PRWRA	Puerto Rico Water Resources Authority
RPP	radiation protection program
SCM	surface contamination monitor

UNIT ABBREVIATIONS

Ci	Curie
cm	centimeter
dpa	disintegrations per minute per 100 square-centimeter area
dpm	disintegrations per minute
°F	degrees Fahrenheit
ft	feet
gal	gallon
g	gram
hr	hour
in	inch
kg	kilogram
km	kilometer
l	liter
%	percent
m	meter
ml	milliliter (1×10^{-3} liter)
μCi	microcurie (1×10^{-6} Curie)
μR	micro-roentgen (1×10^{-6} roentgen)
mrem	millirem (1×10^{-3} rem)
MW(e)	megawatts-electric
MWt	megawatts-thermal
person-rem	radiation dose equivalent to population
pCi	picocurie (1×10^{-9} Curie)
psi	pounds per square inch
R	roentgen (unit of radiation exposure)
rad	unit of absorbed dose
rem	unit of radiation dose equivalent
yr	year